

Annual Neuromuscular Plasticity Symposium.

Each year three nationally renowned experts in the field of neuromuscular plasticity and rehabilitation are invited to present a platform presentation, meet with the trainees and faculty mentors, and provide feedback on the progress of the NMPT program as external advisors. A list of the keynote speakers invited during the three last years is provided below.

Fall 2004

Reggie Edgerton, Ph.D.

Professor, Physiological Sciences and Neurobiology
University of California, Los Angeles

Title: **"Promising Intervention Strategies to Promote Recovery of Posture and Locomotion following SCI."**

Fall 2005

Arthur English, Ph.D

Professor, Department of Cell Biology
Emory University, School of Medicine

Title: **"Enhancing axon regeneration in peripheral nerves"**

Gary Sieck, Ph.D.

Professor and Chair,
Department of Physiology and Biomedical Engineering,
Mayo Clinic College of Medicine.

Title: **"Activity-Dependent Plasticity in Neuromuscular Transmission"**

Paul Zehr, Ph.D.,

Associate Professor and MSFHR Scholar,
Rehabilitation Neuroscience Laboratory,
University of Victoria

Title: **"Acute and chronic plasticity in human spinal reflexes".**



Fall 2006

Steven C. Cramer, M.D.

Associate Professor, Neurology and Anatomy & Neurobiology
Associate Clinical Director, Stem Cell Research Center
University of California Irvine

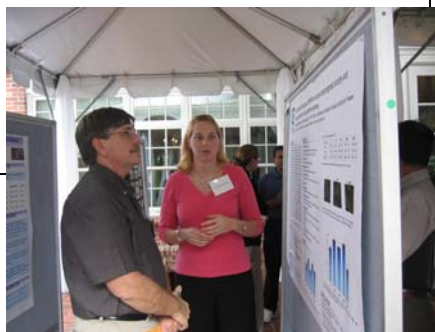
Title: **"Recovery from Stroke and Cortical Plasticity"**

Jonathan R. Wolpaw, M.D.

Chief, Laboratory of Nervous System Disorders
Wadsworth Center New York State
Department of Health and State University of New York

Title: **"Engaging Brain and Spinal Cord Plasticity in Rehabilitation:
Reflex Conditioning and Brain-Computer Interfaces"**

Kevin P. Campbell, Ph.D.



Distinguished Professor

Department of Physiology & Biophysics

University of Iowa

Title: "**Maintenance of Cell Membrane Integrity and the Pathogenesis
of Muscular Dystrophy**"